

## CLAIMS

What is claimed is:

1 *Sub* 1. A system for preventing theft of an object, comprising:  
2 an electronic article surveillance (EAS) device operatively attached to an  
3 object;  
4 a security path for detection of said EAS device;  
5 a reader operatively coupled to said security path; and  
6 a smart card for being read by said reader, said smart card containing an  
7 identification profile of an authorized user of said object.

1 2. The system according to claim 1, wherein said EAS device comprises an  
2 acousto-magnetic tag.

1 3. The system according to claim 1, wherein said EAS device comprises a low  
2 frequency tag having a frequency in a range of about 100 Hz to about 1000 Hz,  
3 said low frequency tag being formed of a pattern of wires and strips that  
4 produce a predetermined harmonic field.

1 4. The system according to claim 1, wherein said EAS device comprises a radio  
2 frequency (RF) tag.

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1 ~~Sub A3~~ The system according to claim 1, wherein said security path includes a gate for  
2 interrogating said EAS device, said gate including said reader one of built  
3 integrally thereto and in a proximity thereof.

1 6. The system according to claim 1, further comprising a computer coupled to  
2 said reader, said computer containing a database including information regarding  
3 said authorized user of said object.

1 7. The system according to claim 1, further comprising an alarm operatively  
2 coupled to said security path,  
3 wherein upon passage through said path, said EAS device triggers the path  
4 to activate said alarm.

1 8. The system according to claim 7, further comprising a video receiver  
2 operatively coupled to said path, said path activating said video receiver upon  
3 interrogating said EAS device.

1 ~~Sub A3~~ The system according to claim 7, wherein one of said alarm is turned off and an  
2 authorized user is allowed free passage through said path, when said authorized  
3 person exhibits said smart card to said reader.

09306510-050799  
652050-01590660

1 10. The system according to claim 1, further comprising a storage device, coupled  
2 to said reader, containing information on personnel authorized to enter through or  
3 exit through said path with said object.

1 11. The system according to claim 6, wherein said computer logs a time and user  
2 identity related to passage through said path.

1 12. The system according to claim 1, wherein said smart card comprises a direct  
2 contact smart card.

1 13. The system according to claim 1, wherein said smart card comprises a  
2 contact-less smart card.

1 14. The system according to claim 1, wherein said smart card comprises a  
2 magnetic strip containing a code.

1 *Sub* A method for preventing theft of an object, comprising:  
2 *Alp* operatively attaching an electronic article surveillance (EAS) device to an  
3 object;  
4 detecting said EAS device as said object traverses a security path;  
5 operatively coupling a reader to said security path; and



